

# QuickGuide - Barley

QuickTox Kit for **QuickScan**

Aflatoxin **FREE**  
AQ-209-BG

## Sample Preparation



Collect and grind a representative barley sample to a 20 mesh screen size



Ground too coarse...



Ground too fine...

...may cause inaccurate results

## Test Procedure for 25g sample

*(more detailed instructions in the Product Insert)*



1. Add a 25 gram sub-sample to container



2. Add 50 mL of 50% ethanol



3. Shake 1 minute on mechanical shaker or by hand for 2 minutes



4. Centrifuge a portion of extract for 1 minute at 2000 x *g* (NOT RPM).



5. Add 200 µL DB5 Buffer to vial, then using a new pipette tip, add 100 µL centrifuged sample to vial



6. Stir well with pipette, then add test strip; wait 5 minutes for results

## QuickScan Test

### Results

*(Read single strip, multiple strips, or single strip with a QuickComb--more detailed instructions in the QuickScan User Manual)*

7. Remove strip from vial immediately after 5 minutes. Cut off and discard bottom pad with arrow tape and read promptly. (No drying step!)

8. Place in the QuickScan carrier and slide carrier in. Click "Read Test" on Main Menu, then choose MG8. Aflatoxin results are reported up to 30 ppb. (A simple dilution step will yield quantitative results up to 100 ppb -- see Product Insert, Range with Dilution)

9. Results Screen will appear when scanning is complete. Enter sample identification data and use buttons to save or print report.